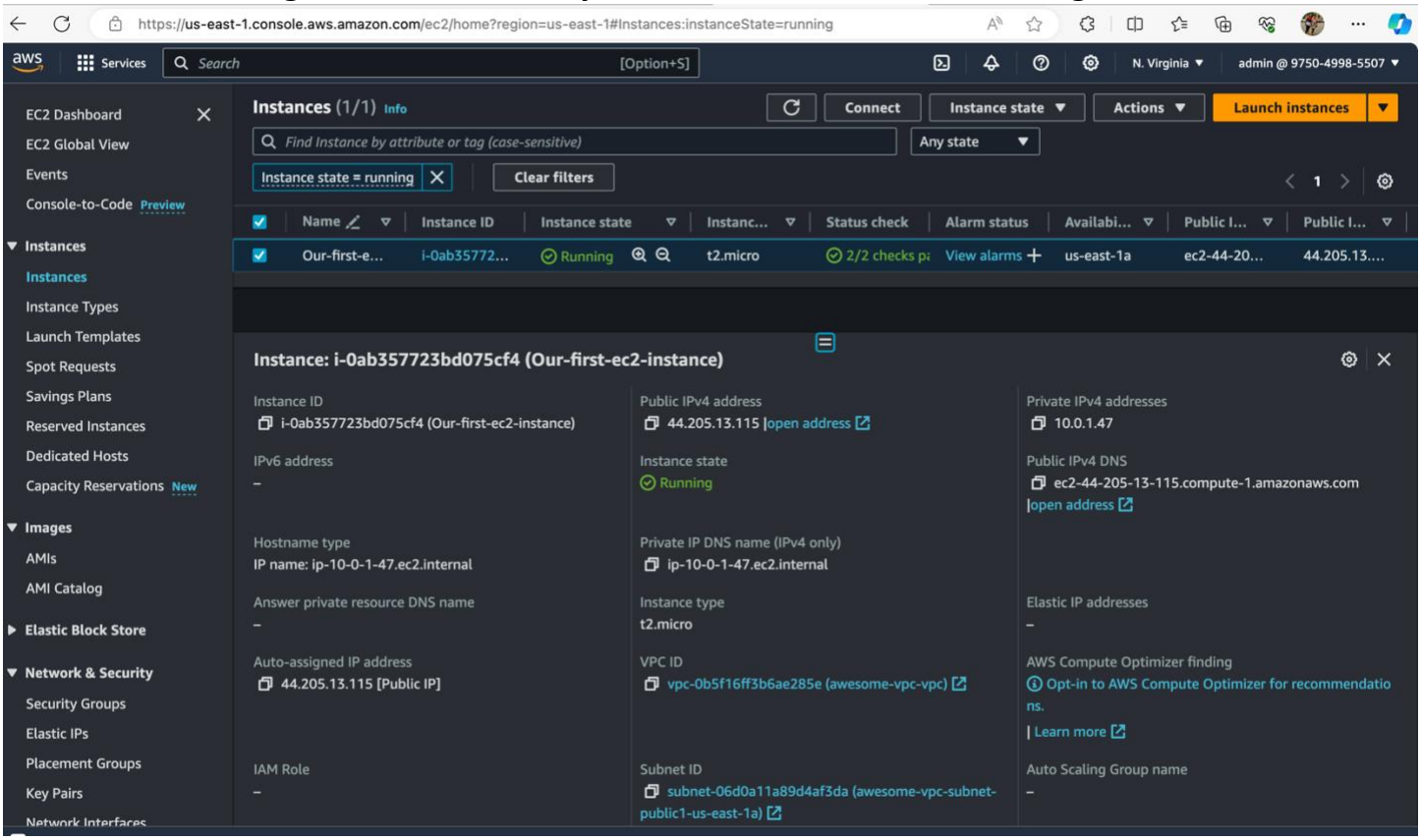
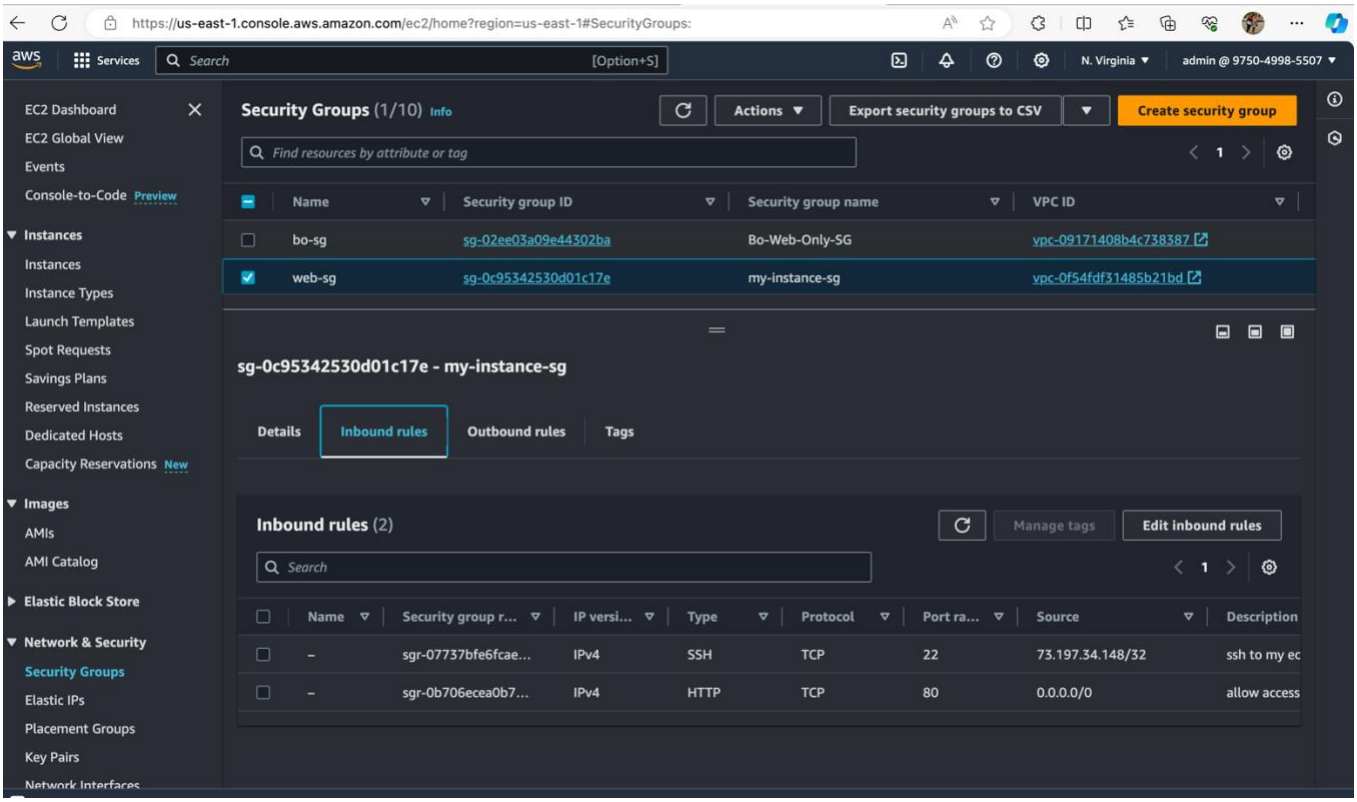
Cloud Computing part-3 Assignments
project 3

Submission:

1.1- Attaching a screenshot of my Ec2 dashboard with the running instance



1.2. Attaching a screenshot of my Security Group displaying all the rules.



HOMEWORK-2

2.1 – Screenshot for output of output of hostnamectl command

```
users-MacBook-Pro:~ user$ ls
Applications            Library                 awesome-key-east1.pem
Bo-Ec2-key.pem          Movies                  bo-key-peer1.pem
Desktop                 Music                   bona.pem
Documents               Pictures                my-ec2key.pem
Downloads               Public
users-MacBook-Pro:~ user$ chmod 400 "awesome-key-east1.pem"
users-MacBook-Pro:~ user$ ssh -i "awesome-key-east1.pem" ec2-user@ec2-44-205-13-115.compute-1.amazonaws.com
The authenticity of host 'ec2-44-205-13-115.compute-1.amazonaws.com (44.205.13.115)' can't be established.
ED25519 key fingerprint is SHA256:Xxs8mmA5Xu4j/Yp7RySyVm9vu7yU2l/xxUBHxlhWnuk.
This key is not known by any other names.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added 'ec2-44-205-13-115.compute-1.amazonaws.com' (ED25519) to the list of known hosts.
   ,     #_
   ~\_  ####_        Amazon Linux 2023
  ~~  \_#####\
  ~~     \###|
  ~~       \#/ ___   https://aws.amazon.com/linux/amazon-linux-2023
   ~~       V~' '->
    ~~~         /
      ~~._.   _/
         _/ _/
       _/m/'
[ec2-user@ip-10-0-1-47 ~]$ hostnamectl
 Static hostname: ip-10-0-1-47.ec2.internal
       Icon name: computer-vm
         Chassis: vm
      Machine ID: 336ed4cd87044bed806357d50de9a257
         Boot ID: 967f323b30c74799bdf41ef8608761a0
  Virtualization: xen
Operating System: Amazon Linux 2023
     CPE OS Name: cpe:2.3:o:amazon:amazon_linux:2023
          Kernel: Linux 6.1.77-99.164.amzn2023.x86_64
    Architecture: x86-64
 Hardware Vendor: Xen
  Hardware Model: HVM domU
Firmware Version: 4.11.amazon
[ec2-user@ip-10-0-1-47 ~]$
```

Homework 3

1.2 Display the Webpage built by student name Bonaventou

```
  Installing       : mod_http2-2.0.11-2.amzn2023.x86_64                    9/12
  Installing       : generic-logos-httpd-18.0.0-12.amzn2023.0.3.noarch     10/12
  Installing       : libbrotli-1.0.9-4.amzn2023.0.2.x86_64                 11/12
  Installing       : httpd-2.4.58-1.amzn2023.x86_64                        12/12
  Running scriptlet: httpd-2.4.58-1.amzn2023.x86_64                        12/12
  Verifying        : httpd-core-2.4.58-1.amzn2023.x86_64                    1/12
  Verifying        : apr-util-1.6.3-1.amzn2023.0.1.x86_64                   2/12
  Verifying        : mod_lua-2.4.58-1.amzn2023.x86_64                       3/12
  Verifying        : apr-1.7.2-2.amzn2023.0.2.x86_64                        4/12
  Verifying        : httpd-tools-2.4.58-1.amzn2023.x86_64                   5/12
  Verifying        : libbrotli-1.0.9-4.amzn2023.0.2.x86_64                  6/12
  Verifying        : mod_http2-2.0.11-2.amzn2023.x86_64                     7/12
  Verifying        : httpd-2.4.58-1.amzn2023.x86_64                         8/12
  Verifying        : apr-util-openssl-1.6.3-1.amzn2023.0.1.x86_64           9/12
  Verifying        : generic-logos-httpd-18.0.0-12.amzn2023.0.3.noarch     10/12
  Verifying        : mailcap-2.1.49-3.amzn2023.0.3.noarch                  11/12
  Verifying        : httpd-filesystem-2.4.58-1.amzn2023.noarch             12/12

Installed:
  apr-1.7.2-2.amzn2023.0.2.x86_64
  apr-util-1.6.3-1.amzn2023.0.1.x86_64
  apr-util-openssl-1.6.3-1.amzn2023.0.1.x86_64
  generic-logos-httpd-18.0.0-12.amzn2023.0.3.noarch
  httpd-2.4.58-1.amzn2023.x86_64
  httpd-core-2.4.58-1.amzn2023.x86_64
  httpd-filesystem-2.4.58-1.amzn2023.noarch
  httpd-tools-2.4.58-1.amzn2023.x86_64
  libbrotli-1.0.9-4.amzn2023.0.2.x86_64
  mailcap-2.1.49-3.amzn2023.0.3.noarch
  mod_http2-2.0.11-2.amzn2023.x86_64
  mod_lua-2.4.58-1.amzn2023.x86_64

Complete!
[root@ip-10-0-1-47 ec2-user]# systemctl start httpd
[root@ip-10-0-1-47 ec2-user]# systemctl enable httpd
Created symlink /etc/systemd/system/multi-user.target.wants/httpd.service → /usr/lib/systemd/system/httpd.service.
[root@ip-10-0-1-47 ec2-user]# echo "wewb built by student name Bo" > /var/www/html/index.html
[root@ip-10-0-1-47 ec2-user]#
```

Web-page with my name